# UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO.

: 7,239,908 B1

Page 1 of 9

APPLICATION NO.: 09/662224

DATED

: July 3, 2007

INVENTOR(S)

: Eugene J. Alexander et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 50, line 47 replace "cartigage" with --cartilage.--

Col. 51, line 13 replace "tranferring" with --transferring.--

Col. 51, line 42 replace "a" with --the.--

Col, 52, line 13 replace "differenes" with --differences .--

Col. 52, line 23 replace "regerence" with --reference.--

Col. 52, line 53 replace "emision" with --emission.--

Col. 52, line 63 replace "The" with --A.--

Col. 53, line 28 Delete "of."

Col. 53, line 58 replace "inital" with --initial.--

Col. 53, line 60 replace "an" with --a.--

# **CERTIFICATE OF CORRECTION**

Page 2 of 9

PATENT NO.

: 7,239,908 B1

APPLICATION NO.: 09/662224

DATED

: July 3, 2007

INVENTOR(S)

: Eugene J. Alexander et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Col. 54, line 9 replace "area" with --areas.--

Col. 54, line 27 replace "placing" with --identifying.--

Col. 54, line 31 replace "differenes" with --differences.--

Col. 54, line 42 replace "regerence" with --reference.--

Col. 55, line 3 replace "emision" with --emission.--

Col. 55, line 13 replace "The" with --A.--

Col. 55, line 39 replace "determing" with --determining.--

Col. 56, line 6 replace "inital" with --initial.--

Col. 56, line 42 replace "placing" with --identifying.--

Col. 56, line 46 replace "differenes" with --differences.--

# **CERTIFICATE OF CORRECTION**

PATENT NO.

: 7,239,908 B1

Page 3 of 9

APPLICATION NO.: 09/662224

**DATED** 

: July 3, 2007

INVENTOR(S)

: Eugene J. Alexander et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 56, line 57

replace "regerence"

with --reference.--

Col. 57, line 34

replace "The"

with --A.--

Col. 57, lines 34-35

replace "involoving"

with --involving.--

Col. 57, line 51

replace "trating"

with --treating.--

Col. 57, line 60

replace "coprises"

with --comprises .--

Col. 57, line 62

replace "three-demensional"

with --three-dimensional.--

Col. 58, line 9

replace "trating"

with --treating .--

Col. 58, line 24

replace "DD"

with --DN.--

Col. 58, line 25

replace "DD"

with --DL.--

Col. 58, line 31

replace "The"

with --A.--

# **CERTIFICATE OF CORRECTION**

PATENT NO.

: 7,239,908 B1

Page 4 of 9

APPLICATION NO.: 09/662224

**DATED** 

: July 3, 2007

INVENTOR(S)

: Eugene J. Alexander et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 58, line 34

replace "disease"

with --diseased .--

Col. 58, line 36

replace "time"

with --times.--

Col. 58, line 50

replace "diseas"

with --disease .--

Col. 59, line 2

replace "indentifying"

with --identifying .--

Col. 59, line 2

replace "area"

with --areas .--

Col. 59, line 8

replace "join"

with --joint.--

Col. 59, line 13

replace "electroncally"

with --electronically .--

Col. 59, line 36

replace "diseas"

with -- disease .--

Col. 59, line 38

replace "electornic"

with --electronic.--

Col. 60, lines 15-17

Delete "estimating the loss of cartilage in a joint, wherein the joint coprises cartilage and accompanying bones on either side of the joint, which method comprises," [repeated lines]

#### **CERTIFICATE OF CORRECTION**

PATENT NO.

: 7,239,908 B1

Page 5 of 9

APPLICATION NO.: 09/662224 : July 3, 2007

DATED INVENTOR(S)

: Eugene J. Alexander et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 60, line 18

replace "three-demensional" with --three-dimensional.--

Col. 60, line 53

replace "DD form DD"

with --DD from DL.--

Col. 60, line 54

replace "DD"

with --DL.--

Col. 60, line 55

replace "time"

with --times.--

Col. 61, line 13

replace "abnormally"

with --abnormal.--

Col. 61, line 14

replace "indentifying"

with --identifying .--

Col. 61, line 14

replace "area"

with --areas.--

Col. 61, line 16

replace "A"

with -- The .--

Col. 61, line 46

replace "regerence"

with --reference.--

Col. 62, line 42

Delete "estimating the loss of cartilage in a joint, wherein the joint coprises cartilage and accompanying bones on either side of the joint, which method comprises," [repeated lines]

# UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO.

: 7,239,908 B1

Page 6 of 9

APPLICATION NO.: 09/662224

DATED

: July 3, 2007

INVENTOR(S)

: Eugene J. Alexander et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 62, line 45

replace "three-demensional" with --three-dimensional .--

Col. 63, line 12

replace "DD form DD"

with --DD from DN.--

Col. 63, line 13

replace "DD"

with --DL.--

Col. 63, line 14

replace "time"

with --times.--

Col. 63, line 33

replace "in"

with --throughout .--

Col. 63, line 36

replace "in"

with --throughout .--

Col. 63, line 38

replace "in"

with --through.--

Col. 63, line 40

replace "indentifying the area"

with --identifying the areas .--

Col. 63, line 42

replace "A"

with -- The .--

Col. 64, line 5

replace "regerence"

with --reference.--

# **CERTIFICATE OF CORRECTION**

PATENT NO.

: 7,239,908 B1

Page 7 of 9

APPLICATION NO.: 09/662224

DATED INVENTOR(S) : July 3, 2007 : Eugene J. Alexander et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 64, line 45 replace "a joint" with --a human joint.--

Col. 65, line 29 replace "DD form DD" with --DD from DN.--

Col. 65, line 30 replace "DD" with --DL.--

Col. 65, line 31 replace "time" with --times.--

Col. 65, line 50 replace "in" with --throughout .--

Col. 65, line 53 replace "in" with --throughout .--

Col. 65, line 55 replace "in" with --through.--

Col. 65, line 57 replace "indentifying" with --identifying .--

Col. 66, line 22 replace "regerence" with --reference.--

Col. 66, line 55 replace "siad" with --said.--

# **CERTIFICATE OF CORRECTION**

PATENT NO.

: 7,239,908 B1

Page 8 of 9

**DATED** 

APPLICATION NO.: 09/662224 : July 3, 2007

INVENTOR(S)

: Eugene J. Alexander et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 66, line 57 replace "modle" with --model.--

Col. 66, line 61 replace "replacement material" with -- a tissue replacement material.--

Col. 69, line 2 replace "three-dimensional" with --three-dimensional.--

Col. 69, line 11 replace "MM" with --MRI.--

Col. 69, line 45 replace "compnses" with --comprises.--

Col. 70, line 30 replace "compnses" with --comprises .--

Col. 71, line 21 replace "three- dimensional" with --three-dimensional.--

Col. 72, line 29 replace "ofjoint" with -- of joint .--

Col. 72, line 64 replace "compnses" with --comprises.--

Col. 72, line 67 replace "ajoint" with --a joint.--

# UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO.

: 7,239,908 B1

Page 9 of 9

**DATED** 

APPLICATION NO.: 09/662224 : July 3, 2007

INVENTOR(S)

: Eugene J. Alexander et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 74, line 4 replace "three-dimensional" with --three-dimensional.--

Signed and Sealed this

Sixteenth Day of October, 2007

JON W. DUDAS Director of the United States Patent and Trademark Office